



Department of Corrections – Coyote Ridge

LEED Gold

Project Specifics

Gross square footage: 738,029 sf
 Housing area: 395,341 sf
 Industries area: 73,564 sf
 Administration area: 269,164 sf

Construction cost: \$190,000,000
 Project occupied: February 2009
 Added LEED cost: \$471,000 (after rebates)
 Payback period: 6 months
 Awarded LEED Gold - 2010

Design and Construction Team

Project Manager: Jack Olson
 Architect: Integrus Architecture
 General Contractor: Hunt/Lydig JV
 LEED Building Advisor: David Jansen

Note: Coyote Ridge includes a Minimum Camp that was not part of the LEED Project.

Coyote Ridge Corrections Center is prison consisting of a large campus of 22 buildings. It opened as a minimum security prison in 1992 and began a 2,048 bed medium security expansion in 2006 which included upgrades to obtain a LEED Gold rating for the entire campus. Upgrades were completed in December 2008, and operations began in March 2009. It houses 2,353 inmates and 637 staff.

LEED features include:

- No or low volatile organic compounds (VOC) products
- Regional and recycled content materials
- Pollution prevention during construction
- Switching to low emitting & fuel efficient vehicles
- Water use reduction
- Water Reclaim and reuse for laundry facilities saving 2,160,000 gallons per yr.
- Optimizing energy performance EAc2.2-1.7
- Laundry water heat exchange
- Cooler/freezer condensing unit heat exchange
- Housing unit cell lighting sweep

RESULTS	State Avg. use other prisons	Coyote Ridge after project
Water uses (per offend/day)	140 gallons	109 gallons
Wastewater (per offender/day)	117 gallons	66 gallons

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LEED Cost for Coyote Ridge Corrections Center

Ventilation air heat recovery at Housing Units and Food Service	\$163,000.00
Indirect evaporative cooling for Medium housing	\$ 40,000.00
Enhanced Cell Lighting Controls	\$ 24,000.00
High Efficiency Air Filters	\$ 17,000.00
LEED design/documentation effort	\$ 80,000.00
CI Laundry water/heat reclaim system	\$200,000.00
CI Building refrigeration heat recovery	\$160,000.00
Design/Builder LEED Consultant/Enhanced Commissioning	\$175,000.00
LEED Submittal preparation and fees	\$ 30,000.00
Total	\$889,000.00

The total Design-Build Cost of the project was \$189 million. The LEED cost at Coyote Ridge Corrections Center was estimated to cost \$889,000 (.5% of the design budget). After energy rebates of \$418,000, the remaining \$471,000 in LEED related costs was paid back in about 6 months through energy savings.